

Title (en)

Keyless entry system adapted for motor vehicle

Title (de)

An ein Kraftfahrzeug angepasstes schlüsselloses Zugangssystem

Title (fr)

Système d'entrée sans clé adapté au moteur du véhicule

Publication

EP 1820704 A1 20070822 (EN)

Application

EP 07102509 A 20070215

Priority

JP 2006040238 A 20060217

Abstract (en)

A keyless entry system (1) is adapted for a motor vehicle (C), and has a lock/unlock-command output control means (36,37) controls a door to be shifted between in a lock state and in an unlock state after an on-vehicle lock/unlock device (3) makes wireless communication with a portable device (2) to execute an authentication process. The lock/unlock-command output control means (36,37) allows unlocking of the door due to a manually door-opening operation by a user within a predetermined time after the door is locked, when the portable device (2) becomes unavailable because of battery exhaustion or breakage, or the communication between the portable device (2) and the lock/unlock-device (3) becomes impossible. This is the case when the portable device (2) cannot be detected at an inner side of a passenger compartment and at an outer side of the motor vehicle (C) in a state where the door is closed, in a case where the portable device (2) is not detected after the portable device (2) is detected at the outer side of the motor vehicle (C) in a state where the door is opened.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [AD] JP 2001207709 A 20010803 - DAIHATSU MOTOR CO LTD
- [A] DE 10056864 A1 20020627 - SIEMENS AG [DE]

Cited by

EP2415644A1; FR2963714A1; DE102010037233B4; US9569903B2; FR2955069A1; JP2016132434A

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